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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	MBX 035
	First Named Inventor	Simon F. Williams
	COMPLETE IF KNOWN	
	Application Number	09 / 535,146
	Filing Date	March 24, 2000
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MEDICAL DEVICES AND APPLICATIONS OF
POLYHYDROXYALKANOATE POLYMERS**

the specification of which

(Title of the Invention)

☐ is attached hereto
OR

☒ was filed on (MM/DD/YYYY) 03/24/2000 as United States Application Number or PCT International

Application Number 09/535,146 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/126,180	03/25/1999	
60/142,238	07/02/1999	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MBX 035

20061/56

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label here

Name	Registration Number	Name	Registration Number
Patrea L. Pabst	31,284		
Robert A. Hodges	41,074		
Kevin W. King	42,737		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

Name	Patrea L. Pabst				
Address	Arnall Golden & Gregory, LLP				
Address	2800 One Atlantic Center, 1201 West Peachtree Street				
City	Atlanta	State	GA	ZIP	30309-3450
Country	United States	Telephone	(404) 873-8794	Fax	(404) 873-8795

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname	
Simon F.		Williams	
Inventor's Signature			Date
Residence: City	Sherborn	State	MA
Residence: Country	US	Citizenship	GB
Post Office Address	28 Deerfield Road		
Post Office Address			
City	Sherborn	State	MA
ZIP	01770	Country	US

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)
 Approved for use through 9/30/98. OMB 0651-0032
 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
 Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
David P.				Martin			
Inventor's Signature	<i>David Martin</i>			Date	4/11/00		
Residence: City	Arlington	State	MA	Country	US	Citizenship	US
Post Office Address	33 Hemlock Street						
Post Office Address							
City	Arlington	State	MA	ZIP	02474	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Frank A.				Skraly			
Inventor's Signature	<i>Frank A. Skraly</i>			Date	4/11/00		
Residence: City	Somerville	State	MA	Country	US	Citizenship	US
Post Office Address	60 Raymond Avenue						
Post Office Address							
City	Somerville	State	MA	ZIP	02144	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants:** Simon F. Williams, David P. Martin, and Frank A. Skraly**Serial No:** 09/535,146**Art Unit:** 1714**Filed:** March 24, 2000**Examiner:** P. Szehely**For:** MEDICAL DEVICES AND APPLICATIONS OF
POLYHYDROXYALKANOATE POLYMERS**Assistant Commissioner
for Patents
Washington, D. C. 20231****POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS****Sir:**

As owner of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Patrea L. Pabst
Zhaoyang Li
Rivka Monheit

Registration No. 31,284
Registration No. 46,872
Registration No. P-48,731

Please send all correspondence relating to the above-identified patent application to:

Patrea L. Pabst
HOLLAND & KNIGHT LLP
One Atlantic Center
1201 West Peachtree Street, Suite 2000
Atlanta, Georgia 30309-3400

(404) 817-8473 - Telephone
(404) 817-8588 - Telefax

Docketed for _____
By: JPB
Date: 6-26-01

MBX 035

U.S.S.N. 09/535,146
Filed March 24, 2000
Power of Attorney by Assignee of
Interest and Revocation of Prior Powers

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the patent application and, to the best of undersigned's knowledge and belief, title is in the assignee.

METABOLIX, INC.

By:

Name:

Title:

Oliver P. Peoples
OLIVER P. PEOPLES
VP R & D

Date:

JUNE 13, 2001

ATL1 #399478 v1

1008299478 022602

MBX 035

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Simon F. Williams, David P. Martin, and Frank A. Skraly

Application No./Patent No.: 09/535,146 Filed/Issue Date: March 24, 2000

Entitled: MEDICAL DEVICES AND APPLICATIONS OF POLYHYDROXYALKANOATE POLYMERS

Metabolix, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010992, Frame 0708, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below.

1. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.6)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

JUNE 17, 2001
 Date


 Signature

OLIVER R. PEOPLES
 Typed or printed name

VP R & D

Title



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 21, 2000

PTAS

ARNALL GOLDEN & GREGORY, LLP
PATREA L. PABST
2800 OND ATLANTIC CENTER
1201 WEST PEACHTREE STREET
ATLANTA, GA 30309-3450



101394133A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/25/2000

REEL/FRAME: 010882/0708
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WILLIAMS, SIMON F.

DOC DATE: 04/11/2000

ASSIGNOR:

MARTIN, DAVID P.

DOC DATE: 04/11/2000

ASSIGNOR:

SKRALY, FRANK A.

DOC DATE: 04/11/2000

ASSIGNEE:

METABOLIX, INC.
303 THIRD STREET, 2ND FLOOR
CAMBRIDGE, MASSACHUSETTS 02142-1196

SERIAL NUMBER: 09535146
PATENT NUMBER:

FILING DATE: 03/24/2000
ISSUE DATE:

RECEIVED

AUG 28 2000

PATENT DEPT

DOCKETED FOR MAY 1 25

010882/0708 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10082454 022602

07-03-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



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101394133

OPR/FINANCE

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New **5.25.00**
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Williams, Simon F.

Execution Date
Month Day Year
04112000

Name (line 2)

Second Party

Name (line 1) Martin, David P.

Execution Date
Month Day Year
04112000

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Metabolix, Inc.

Name (line 2)

Address (line 1) 303 Third Street, 2nd Floor

Address (line 2)

Address (line 3) Cambridge

Massachusetts

02142-1196

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

07/03/2000 ASCOTT 00000055 09535146

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RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Skraly, Frank A.

Execution Date
Month Day Year

04112000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09535146

Correspondent Name and Address

Area Code and Telephone Number (404) 873-8794

Name Patrea L. Pabst, Esq.

Address (line 1) Arnall Golden & Gregory, LLP

Address (line 2) 2800 One Atlantic Center

Address (line 3) 1201 West Peachtree Street

Address (line 4) Atlanta, GA 30309-3450

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09535146

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed ☒

Deposit Account ☒

Deposit Account Number:

01-2507

Authorization to charge additional fees:

Yes

☒

No

☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Kevin W. King

Name of Person Signing

Reg. No.: 42,737

Kevin W. King

Signature

23 May 2000

Date

ASSIGNMENT

We, Simon F. Williams of 28 Deerfield Road, Sherborn, Massachusetts 01770, David P. Martin of 33 Hemlock Street, Arlington, Massachusetts 02474, and Frank A. Skraly of 60 Raymond Avenue, Somerville, Massachusetts 02144, in consideration of ten dollars and other valuable consideration paid to us by Metabolix, Inc., a corporation of the Commonwealth of Massachusetts, having its principal place of business at 303 Third Street, 2nd Floor, Cambridge, Massachusetts 02142-1196, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Metabolix, Inc., its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Medical Devices and Applications of Polyhydroxyalkanoate Polymers*" described in U.S. Application Serial No. 09/535,146 filed in the United States Patent and Trademark Office on March 24, 2000, by Simon F. Williams, David P. Martin, and Frank A. Skraly, which claims priority to U.S. Provisional Application Serial No. 60/126,180 filed in the United States Patent and Trademark Office on March 25, 1999, and to U.S. Provisional Application Serial No. 60/142,238 filed in the United States Patent and Trademark Office on July 2, 1999, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

"Medical Devices and Applications of Polyhydroxyalkanoate Polymers"
By: Simon F. Williams, David P. Martin, and Frank A. Skraly
Filed: March 24, 2000
ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 11 day of April, 2000.

Simon F. Williams
Simon F. Williams

Commonwealth of Massachusetts)
County of Middlesex)

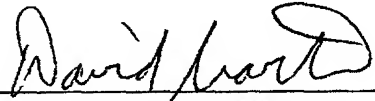
Then personally appeared the above named Simon F. Williams and acknowledged the foregoing instrument to be his free act and deed, before me this 11 day of April, 2000.

Jean M. Mahoney
Notary Public

My Commission expires: _____
JEAN M. MAHONEY
Notary Public
My Commission Expires July 6, 2001

"Medical Devices and Applications of Polyhydroxyalkanoate Polymers"
By: Simon F. Williams, David P. Martin, and Frank A. Skraly
Filed: March 24, 2000
ASSIGNMENT

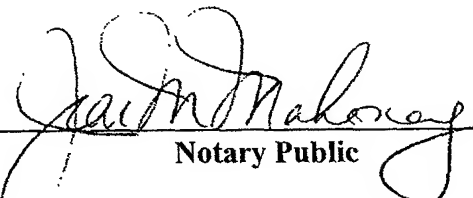
WITNESS my hand and seal this 11 day of April, 2000.



David P. Martin

Commonwealth of Massachusetts)
County of Middlesex)

Then personally appeared the above named David P. Martin and acknowledged the foregoing instrument to be his free act and deed, before me this 11 day of April, 2000.



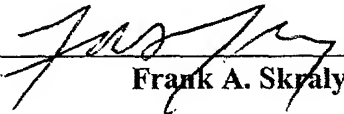
Notary Public

My Commission expires: _____

JEAN M. MAHONEY
Notary Public
My Commission Expires July 8, 2005

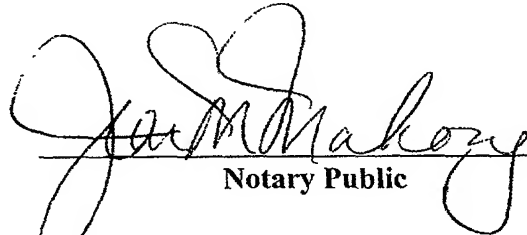
"Medical Devices and Applications of Polyhydroxyalkanoate Polymers"
By: Simon F. Williams, David P. Martin, and Frank A. Skraly
Filed: March 24, 2000
ASSIGNMENT

WITNESS my hand and seal this 11th day of April, 2000.


Frank A. Skraly

Commonwealth of Massachusetts)
County of Middlesex)

Then personally appeared the above named Frank A. Skraly and acknowledged
the foregoing instrument to be his free act and deed, before me this 11 day of
April, 2000.


Notary Public

My Commission expires: _____
JEAN M. MAHONEY
Notary Public
My Commission Expires July 8, 2005